As a below na	med inventor, I hereby declare that:
This declaration	on is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
original, first a	post office address and citizenship are as stated below next to my name. I believe I am the nd sole inventor (if only one name is listed below) or an original, first and joint inventor (if re listed below) of the subject matter which is claimed and for which a patent is sought on the led:
	TITLE OF INVENTION
A PRO	CESS AND AN INTEGRATED TOOL FOR LOW K DIELECTRIC DEPOSITION INCLUDING A PECVD CAPPING MODULE
	SPECIFICATION IDENTIFICATION
The specificati	on of which:
[X] []	is attached hereto was filed on, under Application No, executed on even date herewith; or [] Express Mail No (as Application No. not yet known) and was amended on (if applicable)
	<u> </u>

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

[]

was described and claimed in PCT International Application No._____

and as amended under PCT Article 19 on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[X] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s)
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than the United States of America filed by me on the same subject matter having a filing date before that of the
application(s) of which priority is claimed.

	[X] No such applications have been filed.						
	[] Such applications have been filed as follows:						
Α.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119						
	Coun	try/PCT	Application No	Date Filed	<u>P</u>	riority Clain	ned
]] Yes []] Yes []] Yes []	No No No
В.		eign applica	tion(s), if any, filed mor	e than 12 mos. (6 m	nos for design	ı) prior to th	is
	Countr Applic Filing	ation No:					
•			PRIORITY CLA	AIM (35 U.S.C. §12	0)		
PCT in as the s in the n disclose substantapplica	ternation ubject m nanner p e inform itial likel	nal application atter of each rovided by the ation that is lihood that a ssue as a particular that a particular and a particu	ander Title 35, United Son(s) designating the Unit of the claims of this applied first paragraph of Title material to the examination reasonable Examiner waters) which occurred be all filing date of this applied.	ited States of Americation is not disclessed 35, United States (ion of this applicational consider it imports tween the filing days	ca that is/are osed in that/t Code, §112, I on (namely, in ortant in deci	listed below hose prior ap acknowledg nformation w ding whether	and, insofar oplication(s) ge the duty to where there is r to allow the
	[] [X]	-	oplications have been fil cations have been filed,				
	Applic 09/502	ation No. ,126	Filing Date 2/10/2000	Patented	Status Pending X	Abar	ndoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Joseph Bach Registration No. 37,771 Registration No. 37,165 Raymond Kam-On Kwong Registration No. 35,412 James C. Wilson Robert W. Mulcahy Registration No. 25,436 Lawrence Edelman Registration No. 25,226 Robert C. Colwell Registration No. 27,431 William L. Shaffer Registration No. 37,234 Registration No. 41,405 Chun-Pok Leung Registration No. 40,456 Patrick R. Jewik Kent J. Tobin Registration No. 39,496 Send correspondence to: Direct telephone calls to: Patent Counsel, MS/2061 William L. Shaffer (650) 326-2400

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P.O. Box 450A

Santa Clara, CA 95052

DECLARATION

Full name of sole or first inventor: JUN	ZHAO	
Inventor's signature:	Date:	7/10/03
	Country of Citizenship:	Peoples Republic of China
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Inventor's signature:	Date:	
	Country of Citizenship:	United States
Full name of third inventor: TIM WEIDM	IAN	
Inventor's signature:	Date:	

Country of Citizenship:

United States

Full name of fourth inventor:	RICK J. ROBERTS	
Inventor's signature:	Date:	
	Country of Citizenship:	United States
Full name of fifth inventor:	HARI PONNEKANTI	
Inventor's signature:	Date:	
	Country of Citizenship:	United States
Full name of sixth inventor:	CHAU T. NGUYEN	
Inventor's signature:	Date:	
	Country of Citizenship:	United States
Full name of seventh inventor:	SATISH SUNDAR	
Inventor's signature:	Date:	
	Country of Citizenship:	India
Full name of eighth inventor:	DAVID H. QUACH	
Inventor's signature:	Date:	
	Country of Citizenship:	United States
Full name of ninth inventor:	SASSON SOMEKH	
Inventor's signature:	Date:	
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WC 9058645 v1

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	Coun	try/PCT	Application No	Date Filed		Priority Cla	imed
	· · · · · · · · · · · · · · · · · · ·					[] Yes [[] Yes [[] Yes [] No] No] No
B.	All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application						
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PCT intas the sin the midisclose substantapplica	ternation ubject m nanner pr e inform tial likel	nal application in the care of each rovided by the care of the car	ander Title 35, United Son(s) designating the United Son of the claims of this applied first paragraph of Title material to the examinate reasonable Examiner watent) which occurred be all filing date of this applied on the same of the	ited States of Amer plication is not discle e 35, United States ion of this application ould consider it impetween the filing day	ica that is/ar losed in that Code, §112 on (namely, portant in de	re listed below those prior of , I acknowled information ciding wheth	w and, insofar application(s) dge the duty to where there is ter to allow the
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Inventor's signature: Farlad mog	Country of Citizenship:	7/17/ 9 3 United States
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Inventor's signature:	Date:	

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(Declaration ends with this page)

Country of Citizenship: United States

WC 9058645 v1

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A.		-	application(s) filed within 12 under 35 U.S.C. §119	mos. (6 mos. for design)	prior to this application, and	
	Count	ry/PCT	Application No	Date Filed	Priority Claimed	
		·			[] Yes [] No [] Yes [] No [] Yes [] No	
B.		ign applica plication	tion(s), if any, filed more tha	an 12 mos. (6 mos for de	sign) prior to this	
	Country: Application No: Filing date:					
			PRIORITY CLAIM	(35 U.S.C. §120)		
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Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc.

P.O. Box 450A

Santa Clara, CA 95052

William L. Shaffer (650) 326-2400

DECLARATION

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Inventor's signature:	Date:	
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WC 9058645 v1

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	Coun	try/PCT	Application No	Date Filed		Priority	Claime	ed
					! !	[] Yes [] Yes [] Yes	s []	No No No
B.		eign applica	tion(s), if any, filed more	than 12 mos. (6 r	nos for des	ign) prio	r to this	3
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			PRIORITY CLA	M (35 U.S.C. §12	20)			
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(650) 326-2400

William L. Shaffer

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Inventor's signature:		Date:	
		Country of Citizenship:	Peoples Republic of China
Full name of second inventor:	FARHAD MOGH	IADAM	
Inventor's signature:		Date:	
		Country of Citizenship:	United States
Full name of third inventor:	TIM WEIDMAN		
Inventor's signature:		Date:	

Full name of fourth inventor: RICK J. ROBERTS

Inventor's signature: Date: 2544,078

Country of Citizenship:

Country of Citizenship:

United States

United States

Full name of fifth inventor: HARI PONNEKANTI Inventor's signature: Date: Country of Citizenship: United States Full name of sixth inventor: CHAU T. NGUYEN Inventor's signature: Date: Country of Citizenship: United States Full name of seventh inventor: SATISH SUNDAR Inventor's signature: _____ Date: Country of Citizenship: India Full name of eighth inventor: DAVID H. QUACH Inventor's signature: Date: Country of Citizenship: United States Full name of ninth inventor: SASSON SOMEKH

(Declaration ends with this page)

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WC 9058645 v1

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	[]	Such appli	ications have been filed as f	ollows:				
A.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119							
	Count	ry/PCT	Application No	Date Filed		<u>Prio</u>	rity Clain	ned
						וֹ]	Yes [] Yes [] Yes []	No No No
В.	All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application							
	Country Applica Filing of	ition No:						
			PRIORITY CLAIM	(35 U.S.C. §120)				
PCT int as the st in the m disclose substan applicat	ternation ubject m nanner pr e informa tial likelition to is	al application atter of each covided by the tion that is is is a part at a p	ander Title 35, United State on(s) designating the United of the claims of this applicate the first paragraph of Title 35 material to the examination reasonable Examiner would stent) which occurred between all filing date of this applications.	States of America to ation is not disclose , United States Coo of this application (consider it importa en the filing date of	that is/ared in that de, §112 namely, ant in de	re list t/thos t, I ac t, inforced ting ting ting ting ting ting ting ting	ted below se prior ap knowledg rmation w g whether	and, insofar oplication(s) ge the duty to where there is a to allow the
	[] [X]	-	oplications have been filed cations have been filed, as f	ollows:				
	<u>Applica</u> 09/502,	<u>ition No</u> . 126	Filing Date 2/10/2000	<u>Patented</u> S	tatus <u>Pendin</u> X	g	Aba	ndoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Registration No. 37,771 Joseph Bach Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 Lawrence Edelman Registration No. 25,226 Robert C. Colwell Registration No. 27,431 William L. Shaffer Registration No. 37,234 Registration No. 41,405 Chun-Pok Leung Patrick R. Jewik Registration No. 40,456 Kent J. Tobin Registration No. 39,496 Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept.

Applied Materials, Inc. P.O. Box 450A

Santa Clara, CA 95052

William L. Shaffer (650) 326-2400

DECLARATION

Full name of sole or first invent	tor: JUN ZHA	0	
Inventor's signature:		Date:	
		Country of Citizenship:	Peoples Republic of China
Full name of second inventor:	FARHAD MOGH	IADAM	
Inventor's signature:		Date:	
		Country of Citizenship:	United States
Full name of third inventor:	TIM WEIDMAN		
Inventor's signature:		Date:	

Country of Citizenship: United States Full name of fourth inventor: RICK J. ROBERTS Inventor's signature: Date: Country of Citizenship: United States Full name of fifth inventor: HARI PONNEKANTI Inventor's signature: _____ Date: ____ Country of Citizenship: United States Full name of sixth inventor: CHAU T. NGUYEN Inventor's signature: Me Date: 7-8-03 Country of Citizenship: United States Full name of seventh inventor: SATISH SUNDAR Inventor's signature: _____ Date: _____ Country of Citizenship: India Full name of eighth inventor: DAVID H. QUACH Inventor's signature: Date: Country of Citizenship: United States Full name of ninth inventor: SASSON SOMEKH Inventor's signature: _____ Date: _____ Country of Citizenship: United States

(Declaration ends with this page)

WC 9058645 v1

•				
As a below name	ed inventor, I hereby declare that:			
This declaration is	is of the following type:			
[] (original divisional continuation continuation-in-part			
	INVENTORSHIP IDENTIFICATION			
original, first and	ost office address and citizenship are as stated below next to my name. I believe I am the I sole inventor (if only one name is listed below) or an original, first and joint inventor (if listed below) of the subject matter which is claimed and for which a patent is sought on the I:			
	TITLE OF INVENTION			
A PROCESS AND AN INTEGRATED TOOL FOR LOW K DIELECTRIC DEPOSITION INCLUDING A PECVD CAPPING MODULE				
	SPECIFICATION IDENTIFICATION			
The specification	of which:			
[] V C [2	s attached hereto was filed on, under Application No, executed on even date herewith; or [] Express Mail No (as Application No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on			
ACK	NOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR			
•	I have reviewed and understand the contents of the above-identified specification, including ended by any amendment referred to above.			
	the duty to disclose all information I know to be material to patentability in accordance with Federal Regulations, §1.56,			
	erial to the examination of this application; namely, information where there is a substantial reasonable Examiner would consider it important in deciding whether to allow the application nt, and			

1

[X]

In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)	
I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign app for patent or inventor's certificate or of any PCT international application(s) designating at least or other than the United States of America listed below, and have also identified below any foreign app for patent or inventor's certificate or any PCT international application(s) designating at least one couthan the United States of America filed by me on the same subject matter having a filing date before application(s) of which priority is claimed.	e country ication(s) ntry other
[X] No such applications have been filed.	
[] Such applications have been filed as follows:	

Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and A. any priority claims under 35 U.S.C. §119

Country/PCT	Application No	Date Filed	Priority Claimed
		·	[] Yes [] No [] Yes [] No [] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[] [X]	• • •	olications have been fil ations have been filed,			
		_		Status	
Applic	ation No.	Filing Date	Patented	Pending	Abandoned
09/502	2,126	2/10/2000		X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

> Peter J. Sgarbossa Registration No. 25,610 Joseph Bach Registration No. 37,771 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 Lawrence Edelman Registration No. 25,226 Robert C. Colwell Registration No. 27,431 William L. Shaffer Registration No. 37,234 Chun-Pok Leung Registration No. 41,405 Patrick R. Jewik Registration No. 40,456 Kent J. Tobin Registration No. 39,496

Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P.O. Box 450A

Santa Clara, CA 95052

William L. Shaffer (650) 326-2400

DECLARATION

Full name of sole or first invent	or: JUN ZHA	O	
Inventor's signature:		Date:	
		Country of Citizenship:	Peoples Republic of China
Full name of second inventor:	FARHAD MOGH	ADAM	
Inventor's signature:		Date:	
		Country of Citizenship:	United States
Full name of third inventor:	TIM WEIDMAN		
Inventor's signature:		Date:	

Country of Citizenship: United States

Full name of fourth inventor:	RICK J. ROBERT	CS .	
Inventor's signature:		Date:	
		Country of Citizenship:	United States
Full name of fifth inventor:	HARI PONNEKA	NTI	
Inventor's signature:		Date:	
		Country of Citizenship:	United States
Full name of sixth inventor:	CHAU T. NGUY	EN	
Inventor's signature:		Date:	
		Country of Citizenship:	United States
Full name of seventh inventor:	SATISH SUNDA	R	/ /
Inventor's signature:	Satur	Date:	7/29/2003
~		Country of Citizenship:	India
Full name of eighth inventor:	DAVID H. QUAC	CH	
Inventor's signature:		Date:	
		Country of Citizenship:	United States
Full name of ninth inventor:	SASSON SOMER	СН	
Inventor's signature:		Date:	
		Country of Citizenship:	United States

(Declaration ends with this page)

As a below na	med inventor, I hereby declare that:
This declaration	on is of the following type:
[] [] [X]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
original, first a	post office address and citizenship are as stated below next to my name. I believe I am the and sole inventor (if only one name is listed below) or an original, first and joint inventor (if re listed below) of the subject matter which is claimed and for which a patent is sought on the led:
	TITLE OF INVENTION
A PRO	CESS AND AN INTEGRATED TOOL FOR LOW K DIELECTRIC DEPOSITION INCLUDING A PECVD CAPPING MODULE
	SPECIFICATION IDENTIFICATION
The specificati	on of which:
[X] []	
AC	KNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	nat I have reviewed and understand the contents of the above-identified specification, including mended by any amendment referred to above.
	the duty to disclose all information I know to be material to patentability in accordance with of Federal Regulations, §1.56,
	aterial to the examination of this application; namely, information where there is a substantial a reasonable Examiner would consider it important in deciding whether to allow the application tent, and
[X]	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 81.98

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s)
for patent or inventor's certificate or of any PCT international application(s) designating at least one country
other than the United States of America listed below, and have also identified below any foreign application(s)
for patent or inventor's certificate or any PCT international application(s) designating at least one country other
than the United States of America filed by me on the same subject matter having a filing date before that of the
application(s) of which priority is claimed.

	[X]	No such a	pplications have been filed	•				
	[]	Such apple	ications have been filed as	follows:				
A.			application(s) filed within a under 35 U.S.C. §119	2 mos. (6 mos. fo	or design)	prior to th	nis appli	cation, and
	Coun	try/PCT	Application No	Date Filed		Priority	Claime	e <u>d</u>
					!	[] Yes [] Yes [] Yes	s [j	No No No
B.		eign applica	tion(s), if any, filed more t	nan 12 mos. (6 m	nos for des	ign) prio	r to this	
	Country Applies Filing of	ation No:		ı				
			PRIORITY CLAIN	1 (35 U.S.C. §12	.0)			
PCT in as the s in the m disclose substant applica	ternation ubject m nanner pr e inform tial likel tion to is	nal application in the care of each rovided by the cation that is is some as a passue a pa	under Title 35, United State on(s) designating the United of the claims of this application he first paragraph of Title 3 material to the examination reasonable Examiner would tent) which occurred between all filing date of this application.	I States of Americation is not discless, United States (of this application dependent in the filing dates of the filing dates.	ca that is/a osed in tha Code, §112 on (namely ortant in de	re listed at/those p 2, I ackno , informa eciding w	below a rior app wledge ation wh whether t	nd, insofar olication(s) the duty to ere there is o allow the
	[] [X]		oplications have been filed cations have been filed, as	follows:				
	<u>Applica</u>	ation No. ,126	Filing Date 2/10/2000	Patented	Status <u>Pendir</u> X	ng	Abano	loned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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P.O. Box 450A

Santa Clara, CA 95052

DECLARATION

Full name of sole or first inven-	tor: JUN ZHA	AO	
Inventor's signature:		Date:	
		Country of Citizenship:	Peoples Republic of China
Full name of second inventor:	FARHAD MOGH	IADAM	
Inventor's signature:		Date:	
		Country of Citizenship:	United States
Full name of third inventor:	TIM WEIDMAN		
Inventor's signature:		Date:	

Country of Citizenship:

United States

Full name of fourth inventor:	RICK J. ROBERTS	
Inventor's signature:	Date of the last o	te:
	Country of Citizenship	o: United States
Full name of fifth inventor:	HARI PONNEKANTI	
Inventor's signature:	Dat	re:
	Country of Citizenship	o: United States
Full name of sixth inventor:	CHAU T. NGUYEN	
Inventor's signature:	Dat	e:
	Country of Citizenship	: United States
Full name of seventh inventor:	SATISH SUNDAR	
Inventor's signature:	Dat	e:
	Country of Citizenship	o: India
Full name of eighth inventor:	DAVID H. QUACH	
Inventor's signature:	avs val Dat	e: 7/15/03
(Country of Citizenship	o: United States
Full name of ninth inventor:	SASSON SOMEKH	
Inventor's signature:	Dat	e:
	Country of Citizenship	: United States

(Declaration ends with this page)

WC 9058645 v1

As a below nar	ned inventor, I hereby declare that:
This declaration	n is of the following type:
[] [] [X]	
	INVENTORSHIP IDENTIFICATION
original, first a	post office address and citizenship are as stated below next to my name. I believe I am the nd sole inventor (if only one name is listed below) or an original, first and joint inventor (if re listed below) of the subject matter which is claimed and for which a patent is sought on the ed:
	TITLE OF INVENTION
A PROC	CESS AND AN INTEGRATED TOOL FOR LOW K DIELECTRIC DEPOSITION INCLUDING A PECVD CAPPING MODULE
	SPECIFICATION IDENTIFICATION
The specification	on of which:
[X] []	is attached hereto was filed on, under Application No, executed on even date herewith; or [] Express Mail No (as Application No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
AC	KNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
•	at I have reviewed and understand the contents of the above-identified specification, including mended by any amendment referred to above.
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for patent or inventor's certificate or any PCT international application(s) designating at least one country other
than the United States of America filed by me on the same subject matter having a filing date before that of the
application(s) of which priority is claimed.

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	Country/PCT		Application No	Date Filed		Priority Claimed				
						[] Yes [] Yes [] Yes] No [] No] No			
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[] No such applications have been filed[X] Such applications have been filed, as follows:										
	Status									
	Applica 09/502,	<u>tion No</u> . 126	Filing Date 2/10/2000	<u>Patented</u>	Pending X	: <u>A</u>	bandoned			

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(650) 326-2400

William L. Shaffer

DECLARATION

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Inventor's signature:		Date:						
		Country of Citizenship:	Peoples Republic of China					
Full name of second inventor: FARHAD MOGHADAM								
Inventor's signature:		Date:						
		Country of Citizenship:	United States					
Full name of third inventor:	TIM WEIDMAN							
Inventor's signature:		Date:						

Country of Citizenship:

United States

Full name of fourth inventor:	RICK J. ROBERTS		
Inventor's signature:		Date:	
	Country of Citizens	ship:	United States
Full name of fifth inventor:	HARI PONNEKANTI		
Inventor's signature:	I	Date: _	
	Country of Citizens	ship:	United States
Full name of sixth inventor:	CHAU T. NGUYEN		
Inventor's signature:	· I	Date: _	
	Country of Citizens	hip:	United States
Full name of seventh inventor:	SATISH SUNDAR		
Inventor's signature:		Date: _	
	Country of Citizens	hip:	India
Full name of eighth inventor:	DAVID H. QUACH		
Inventor's signature:	E	Date: _	
	Country of Citizens	hip:	United States
Full name of ninth inventor:	SASSON SOMEKH		
Inventor's signature:	an South 1	Date: _	7/7/03
	Country of Citizensl	hip:	United States

(Declaration ends with this page)

WC 9058645 v1